$\forall x > 0(x^a x^b = x^{a+b})$
$\forall x > 0(x^a x^b = x^{a+b})$
$\forall x, y > 0((xy)^a = x^a y^a)$
$|x + y| \leq |x| + |y|$
$|xy| = |x||y|$
$(|xy| = |x|)|y|$
$x + y = y + x$
$(x + y) + z = x + (y + z)$
$x + 0 = x$
$x + -x = 0$
$-x + x = 0$
$xyz = x(yz)$
$x(y + z) = xy + xz$
$(x + y) \cdot z = x \cdot z + y \cdot z$
$a|b \iff \exists c \in \mathbb{Z}(ac = b)$
$a \mid b \iff \exists c \in \mathbb{Z}(ac = b)$
$A \cup B = \{x \mid x \in A \vee x \in B\}$
$d/dx f(x) = \lim_{h \to 0}(f(x + h) - f(x))/h$
$d/dx(f(x)g(x)) = d/dx f(x)g(x) + f(x)d/dx g(x)$
$(f(g))' = f'g + (f(g))'$
$x + \cdot y$
$\int_a^b f(x)dx = \lim_{n \to \infty}(\sum_{i=1}^n f(x_i^*)(b - a)/n)$
$\int f(x)dx = F(x) + C$
$\int_C f(x)dx = 0$
$\prod_{i=1}^{n+1} a_i = (\prod_{i=1}^n a_i)a_{n+1}$
$\delta + 1$
$\lim_{x \to a} f(x) = L \iff \forall \varepsilon > 0 \exists \delta > 0 \forall x(0 < |x - a| < \delta \implies |f(x) - L| < \varepsilon)$
$\sin xy$
$\sin x + y$
$\sin x$
$f(x)y$
$a : A \times A \to A$
$A \models \varphi$
$1/2x$
$(1/2) \cdot x$
$f(x, y, z, u, v, w)$
$xRy \wedge yRz \implies xRz$
$f(x)^2$
$f^2 x = f(x)^2$
$\sin^2 x$
$n : \mathbb{N}$
$f'x = (f(x))' = d/dx f(x)$
$\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C}$
$\lim f(x)$
$2(1 + 1) = -21.0$

$f[X] = \{f(x) \mid x \in X\}$
$((A \times A) \times A) \times A \to (A \to (A \to (A \to A)))$
$h : \mathbb{R}^m \to \mathbb{R}^n$
$(f + g)x$
$f, \ldots, g$
f
$\mathrm{abso}(\vee, \wedge) = ((x \vee y) \wedge x = x)$
$\mathrm{LatticeAx}(\vee, \wedge) = (\mathrm{SemilatticeAx}(\vee) \wedge \mathrm{SemilatticeAx}(\wedge) \wedge \mathrm{abso}(\vee, \wedge) \wedge \mathrm{abso}(\wedge, \vee))$